Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S33	40	(US-20010011346-\$ or US-20010037446-\$ or US-20020029333-\$ or US-20020073301-\$ or US-20020152368-\$ or US-20020199091-\$ or US-20020199092-\$).did. or (US-5367703-\$ or US-5790845-\$ or US-5857104-\$ or US-5857098-\$ or US-5857104-\$ or US-5987588-\$ or US-5941985-\$ or US-5987588-\$ or US-5996060-\$ or US-599736-\$ or US-6035122-\$ or US-6076151-\$ or US-6230260-\$ or US-6247122-\$ or US-6230260-\$ or US-6272622-\$ or US-6272623-\$ or US-6332190-\$ or US-6353882-\$ or US-6421774-\$ or US-6499101-\$).did. or (US-6510511-\$ or US-6546481-\$ or US-6571331-\$ or US-6546481-\$ or US-6571331-\$ or US-6601161-\$ or US-6687807-\$ or US-6738897-\$ or US-6823446-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/14 10:01
S34	1377	(predict\$3 or speculat\$3) near table	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 10:14
S35	187	S34 same (index or key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 10:14
S36	55	S35 same (outcome or output or result)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 10:15
S37	46	S36 and @ad<"20020109"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 10:35
S38	227	table with instruction with (outcome or output or result) with (predict\$3 or speculat\$3 or expect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 12:51

				·		·
S40	191	S38 and @ad<"20020109"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 12:40
S41	1	S35 same operand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 12:38
S43	41	S34 same operand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 12:39
S44	38	S43 and @ad<"20020109"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 12:51
S45	77	table with operand with (predict\$3 or speculat\$3 or expect\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 12:51
S46	71	S45 and @ad<"20020109"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 13:29
S47	5	data near dependent near branch near table	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 13:29
S49	50	("4763245"   "5210831").URPN.	USPAT	OR	ON	2005/12/14 13:32

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: 

The ACM Digital Library 

The Guide

prediction table instruction outcome

## THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

## Terms used prediction table instruction outcome

Found 40,873 of 167,655

Sort results by

relevance

Save results to a Binder Search Tips

Try an Advanced Search Try this search in The ACM Guide

Display results

condensed form

Open results in a new window

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10

Relevance scale 🔲 📟 📟 📟

Best 200 shown

A study of branch prediction strategies

James E. Smith

May 1981 Proceedings of the 8th annual symposium on Computer Architecture

Publisher: IEEE Computer Society Press

Full text available: pdf(649.34 KB)

Additional Information: full citation, abstract, references, citings, index

Regular contributions: An alternative to branch prediction: pre-computed branches Lucian N. Vintan, Marius Sbera, Ioan Z. Mihu, Adrian Florea



June 2003 ACM SIGARCH Computer Architecture News, Volume 31 Issue 3

Publisher: ACM Press

Full text available: Pdf(985.31 KB) Additional Information: full citation, abstract, references

A study of branch prediction strategies

James E. Smith

August 1998 25 years of the international symposia on Computer architecture (selected papers)

Publisher: ACM Press

Full text available: pdf(917.12 KB) Additional Information: full citation, references, index terms

An empirical analysis of instruction repetition

Avinash Sodani, Gurindar S. Sohi

October 1998 ACM SIGOPS Operating Systems Review, ACM SIGPLAN Notices, Proceedings of the eighth international conference on Architectural support for programming languages and operating systems ASPLOS-

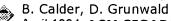
**VIII**, Volume 32 , 33 Issue 5 , 11

**Publisher: ACM Press** 

Full text available: pdf(1.49 MB)

Additional Information: full citation, abstract, references, citings, index

Fast and accurate instruction fetch and branch prediction



April 1994 ACM SIGARCH Computer Architecture News, Proceedings of the 21ST annual international symposium on Computer architecture ISCA '94, Volume 22 Issue 2

Publisher: IEEE Computer Society Press, ACM Press

Full text available: pdf(1.07 MB)

Additional Information: full citation, abstract, references, citings, index

Speculative execution and branch prediction on parallel machines Kevin B. Theobald, Guang R. Gao, Laurie J. Hendren August 1993 Proceedings of the 7th international conference on Supercomputing

http://portal.acm.org/results.cfm?query=prediction%20table%20instruction%20outcome&querydisp=predi... 12/14/05



Publisher: ACM Press

Full text available: pdf(1.28 MB)

Additional Information: full citation, abstract, references, citings, index

terms

Using value prediction to increase the power of speculative execution hardware

Freddy Gabbay, Avi Mendelson

August 1998 ACM Transactions on Computer Systems (TOCS), Volume 16 Issue 3

Publisher: ACM Press

Full text available: pdf(289,77 KB)

Additional Information: full citation, abstract, references, citings, index terms

Highly accurate data value prediction using hybrid predictors

Kai Wang, Manoj Franklin

December 1997 Proceedings of the 30th annual ACM/IEEE international symposium on Microarchitecture

Publisher: IEEE Computer Society

Publisher Site

Full text available: pdf(1.10 MB) Additional Information: full citation, abstract, references, citings, index

Code placement for improving dynamic branch prediction accuracy



Daniel A. Jiménez

June 2005 ACM SIGPLAN Notices, Proceedings of the 2005 ACM SIGPLAN conference on Programming language design and implementation PLDI '05, Volume 40

Publisher: ACM Press

Full text available: 📆 pdf(144.82 KB) Additional Information: full citation, abstract, references, index terms

The impact of unresolved branches on branch prediction scheme performance



A. R. Talcott, W. Yamamoto, M. J. Serrano, R. C. Wood, M. Nemirovsky

April 1994 ACM SIGARCH Computer Architecture News, Proceedings of the 21ST annual international symposium on Computer architecture ISCA '94, Volume 22 Issue 2

Publisher: IEEE Computer Society Press, ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(871.86 KB) terms.

11 Path-based next trace prediction

Quinn Jacobson, Eric Rotenberg, James E. Smith

December 1997 Proceedings of the 30th annual ACM/IEEE international symposium on Microarchitecture

**Publisher: IEEE Computer Society** 

Publisher Site

Full text available: pdf(1.15 MB) Additional Information: full citation, abstract, references, citings, index

12 <u>Elements of functional and performance analysis</u>: Accurate timing analysis by



modeling caches, speculation and their interaction

Xianfeng Li, Tulika Mitra, Abhik Roychoudhury June 2003 Proceedings of the 40th conference on Design automation

Publisher: ACM Press

Full text available: pdf(216.20 KB)

Additional Information: full citation, abstract, references, citings, index

13 Execution-based prediction using speculative slices



Craig Zilles, Gurindar Sohi

May 2001 ACM SIGARCH Computer Architecture News, Proceedings of the 28th annual international symposium on Computer architecture ISCA '01, Volume

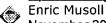
29 Issue 2 Publisher: ACM Press

Additional Information:

Full text available: pdf(1.03 MB)

full citation, abstract, references, citings, index

14 Speculating to reduce unnecessary power consumption



November 2003 ACM Transactions on Embedded Computing Systems (TECS), Volume 2

Issue 4 Publisher: ACM Press

Full text available: Place | Policy | Additional Information: full citation, abstract, references, index terms

15 The effects of predicated execution on branch prediction

Gary Scott Tyson

November 1994 Proceedings of the 27th annual international symposium on Microarchitecture

Publisher: ACM Press

Full text available: pdf(1.20 MB)

Additional Information: full citation, abstract, references, citings, index

terms

16 Control Flow Optimization Via Dynamic Reconvergence Prediction

Jamison D. Collins, Dean M. Tullsen, Hong Wang

December 2004 Proceedings of the 37th annual International Symposium on Microarchitecture

Publisher: IEEE Computer Society

Full text available: pdf(281.24 KB) Additional Information: full citation, abstract

17 Can program profiling support value prediction?

Freddy Gabbay, Avi Mendelson

December 1997 Proceedings of the 30th annual ACM/IEEE international symposium on Microarchitecture

**Publisher: IEEE Computer Society** 

Full text available: pdf(1.41 MB) Additional Information: full citation, abstract, references, citings, index Publisher Site

18 Next cache line and set prediction

Brad Calder, Dirk Grunwald

May 1995 ACM SIGARCH Computer Architecture News, Proceedings of the 22nd annual international symposium on Computer architecture ISCA '95. Volume 23 Issue 2

Publisher: ACM Press

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> Full text available: pdf(1.25 MB)

19 Improving the accuracy of dynamic branch prediction using branch correlation

Shien-Tai Pan, Kimming So, Joseph T. Rahmeh

September 1992 ACM SIGPLAN Notices, Proceedings of the fifth international conference on Architectural support for programming languages and operating systems ASPLOS-V, Volume 27 Issue 9

Publisher: ACM Press

Full text available: pdf(917.84 KB) Additional Information: full citation, references, citings, index terms

20 Dataflow analysis of branch mispredictions and its application to early resolution of branch outcomes

Alexandre Farcy, Olivier Temam, Roger Espasa, Toni Juan

November 1998 Proceedings of the 31st annual ACM/IEEE international symposium on Microarchitecture

**Publisher: IEEE Computer Society Press** 

Full text available: pdf(1.20 MB) Additional Information: full citation, references, citings, index terms

Results 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Mindows Media Player